CONTENTS.

PAGE

THE SCREW PINE (PANDANUS) AND ITS ALLIES. By JOHN R. JACKSON. *With a Coloured Plate* 1

THE SILKWORM DELUSION. By SHIRLEY HIBBERD 10

THE ROCKY MOUNTAIN GOAT. By JOHN KEAST LORD, F.Z.S. *With a Coloured Plate* 14

WOMANKIND: IN ALL AGES OF WESTERN EUROPE. By THOMAS WRIGHT, F.S.A. *With Coloured Plates* 21, 81, 169, 241, 343, 445

THE HISTORY OF OZONE. By C. W. HEATON 32

THE MICROSCOPE IN EDUCATION 41

METEOROLOGICAL OBSERVATIONS MADE AT THE KEW OBSERVATORY. By G. M. WHIPPLE. *With Plates* 47, 289

STORMS AND HURRICANES: THEIR MOTIONS AND CAUSES. By HENRY WHITE, Ph.D. 58, 137

THE HOUSE OF LORDS. By FRANCIS W. ROWSELL 93

ON THE NEW THEORIES IN CHEMISTRY. By F. S. BARFF, M.A., F.C.S. 102, 222, 295, 367

NOTES ON NEBULÆ. By RICHARD A. PROCTOR, B.A., F.R.A.S. *With a Tinted Plate* 113

WHITE'S MASSACRE OF ST. BARTHOLOMEW 123

MICROSCOPICAL VARIETIES 147

THE DRAGON TREE OF TENERIFFE. By JOHN R. JACKSON 150

ACKLAND'S DIVIDING MACHINE 153

TURACINE, A NEW ANIMAL PIGMENT CONTAINING COPPER. By PROFESSOR CHURCH, M.A. *With a Coloured Plate* 161

VARIATIONS OF ANIMALS AND PLANTS UNDER DOMESTICATION 179

A DAY IN THE VICINITY OF SIMON'S TOWN, SOUTH AFRICA. By CAPTAIN G. E. BULGER, F.L.S., F.R.G.S., C.M.Z.S. 189

HOLOTHURIÆ; OR, SEA-CUCUMBERS. By the REV. W. HOUGHTON, M.A., F.L.S. *With a Coloured and a Tinted Plate* 192

A FUNGUS IN TEAK. By HENRY J. SLACK, F.G.S., SEC. R.M.S. 204

THE NACHET ROTATING STAGE FOR THE MICROSCOPE 214

NOTES FROM PROFESSOR HUXLEY'S LECTURES AT THE COLLEGE OF SURGEONS. By E. RAY LANKESTER 216

NEW CHIMNEY FOR MICROSCOPE LAMPS 227

RAMBLES OF A NATURALIST 251

THE STONE AGE IN SCANDINAVIA 255

184204

PAGE

HAS THE SURFACE OF THE MOON ATTAINED ITS FINAL CONDITION? By W. R. BIRT, F.R.A.S. 261
THE THUNDER-STORMS OF NATAL. *With a Map and a Plate* 269
LYELL'S GEOLOGICAL PHILOSOPHY 303
MARKINGS ON THE PLANET VENUS. By JOHN BROWNING, F.R.A.S. 308
MICROSCOPICAL NOTES 310
THE AFRICAN BAOBAB (ADANSONIA DIGITATA, L.). By JOHN R. JACKSON, A.L.S. *With a Coloured Plate* 321
IRREGULARITIES OF STRUCTURE IN FISHES. By JONATHAN COUCH, F.L.S., C.M.Z.S. 328
POPULAR DELUSIONS ON TECHNICAL EDUCATION 337
A NEW THEORY OF ACHILLES' SHIELD. By R. A. PROCTOR, B.A., F.R.A.S. 357
THE MELBOURNE TELESCOPE 380
A NEW ROTIFER WITHOUT CILIA—BALATRO CALVUS. By PROFESSOR ED. CLAPAREDE 382
INDIAN LEPIDOPTERA 385
THE GOUTY STEM TREE (ADANSONIA GREGORII, MUELL). By JOHN R. JACKSON, A.L.S. *With a Coloured Plate* 401
THE DESATIR: AN ANCIENT RELIGIOUS BOOK OF THE FIRE-WORSHIPPERS. By E. H. PALMER, B.A. 406
THE GULF STREAM. By R. A. PROCTOR, B.A., F.R.A.S. *With a Tinted Plate* 417
ON THE ZOETROPE AND ITS ANTECEDENTS. By WILLIAM B. CARPENTER, M.D. 427
STEIN ON THE INFUSORIA—BOUNDARIES OF THE GROUP 450
GLOBULAR CLUSTERS OF STARS. By the REV. T. W. WEBB, M.A., F.R.A.S. 454
THE LICHNOPHORA—MIMETIC INFUSORIA. By PROFESSOR ED. CLAPAREDE 462
ASTRONOMICAL NOTES. By W. T. LYNN, B.A., F.R.A.S. 53, 142, 209, 282, 375, 466
ARCHÆOLOGIA 68, 233, 313, 393
PROGRESS OF INVENTION 73, 155, 237, 316, 387, 472
PROCEEDINGS OF LEARNED SOCIETIES 75
LITERARY NOTICES 76, 157, 229, 318, 395, 476
NOTES AND MEMORANDA 79, 159, 240, 320, 399, 480

ILLUSTRATIONS.

ILLUSTRATIONS IN COLOURS.

	PAGE
Group of Pandanus in the Delta of Zambesi River ..... *Frontispiece.*	
Rocky Mountain Goat	17
Roman Ladies at their Toilet	81
Northern and Southern Nebulæ	112
Plantain Eaters	161
Holothuriæ	192
Frankish Ladies	241
African Baobab	321
A Patriarchal Family	353
Gouty Stem Tree	400
Gulf Stream	417

TINTED PLATES.

Meteorological Diagrams 48, 289	
Holothuriæ 200	
Valley of River Umgeni	272

ENGRAVINGS ON WOOD.

Putting on the Palla	29
Roman Lady at her Toilet	30
Roman Lady's Head Covering	31
Family of Moguntiacum	85
Maiden of Bordeaux	88
Potter's Daughter of Burdigala	88
Lady of Nimes	89
Lady of Lincoln	89
Dress of Northumbrian Matron	90
Dragon Tree of Teneriffe	151
Fungus in Teak	206
Section of Damaged Teak	207
Nachet Microscope Stage	215
Monads	217
Protogenes	218
Radiolaria	220
Vorticella	221
Paramœcium	221
Fiddian's Metallic Lamp	228
Frankish Ladies 248,	249
Map of Natal	270
African Baobab	327
Virtues in Anglo-Saxon Costume	352
Anglo-Saxon Conversation	353
Group of Anglo-Saxon Women	354
Anglo-Saxon Family	355
Anglo-Saxon Group	356
Rotifer without Cilia	383
Gouty Stem Tree	403
Zoetrope 433, 435,	439
Anglo-Saxon Gossips	446
Anglo-Saxon Ladies at Table	449
Lichnophora	464